

CHAPTER 4  
ADDENDUM C

## 278 NAS MESSAGE LAYOUT

---

Due to the size and nature of the table, 278 NAS Message Layout can be found on page 2.

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
<b>CONTROL SEGMENTS</b>			
<b>Interchange Control Header</b>	The ISA is a fixed record length segment and all positions within each of the data elements must be filled. The first element separator defines the element separator to be used through the entire interchange. The segment terminator used after the ISA defines the segment terminator to be used throughout the entire interchange. Spaces in the example are represented by "." for clarity.		
ISA01	Authorization Information Qualifier - Code to identify the type of information in the Authorization Information 00 - No Authorization Information Present (No Meaningful Information in I02) ADVISED UNLESS SECURITY REQUIREMENTS MANDATE USE OF ADDITIONAL IDENTIFICATION INFORMATION.	00	
ISA02	Authorization Information - Information used for additional identification or authorization of the interchange sender or the data in the interchange.	7GW0141VAQ	
ISA03	Security Information Qualifier - Code to identify the type of information in the Security Information 00 - No Security Information Present (No Meaningful Information in I04) ADVISED UNLESS SECURITY REQUIREMENTS MANDATE USE OF PASSWORD DATA.	00	
ISA04	Security Information - This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03).		No information will be sent in this data element.
ISA05	Interchange ID Qualifier - Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	ZZ	
ISA06	Interchange Sender - Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID.	EWRASNAS0000000	
ISA07	Interchange ID Qualifier - Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified.	30	This value could depend on the receiver of this information.
ISA08	Interchange Receiver ID - Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them.	{88-0357895*****} Note: *= Space	This value will depend on the receiver of this information. Also, this field is 15-char fixed length.
ISA09	Interchange Date - Date of the interchange	{030625}	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
ISA10	Interchange Time - Time of the Interchange	{0949}	
ISA11	Interchange Control Standards Identifier - Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	U	
ISA12	Interchange Control Version Number - This version number covers the interchange control segments	00401	
ISA13	Interchange Control Number - A control number assigned by the interchange sender	{000000001}	
ISA14	Acknowledgement Requested - Code sent by the sender to request an interchange acknowledgement (TA1)	0	
ISA15	Usage Indicator - Code to indicate whether data enclosed by this interchange envelope is test, production or information	{T}	
ISA16	Component Element Separator - Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	I	A "pipe" character will be used to delineate subsegment data elements
<b>FUNCTIONAL GROUP HEADER</b>	<b>To indicate the beginning of a functional group and to provide control information</b>		
GS01	Functional Identifier Code -- Code identifying a group of application related transaction sets <b>HI</b> Health Care Services Review Information (278)	HI	
GS02	Application Senders Code -- Code identifying party sending transmission; codes agreed to by trading partners	EWRASNAS0000000	
GS03	Application Receivers Code -- Code identifying party receiving transmission. Codes agreed to by trading partners.	{SMHS-HXP}	
GS04	Date -- Date expressed as CCYYMMDD	{20030625}	
GS05	Time -- Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	{0949}	
GS06	Group Control Number -- Assigned number originated and maintained by the sender. SEMANTIC: The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.	1	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
GS07	Responsible Agency Code -- Code used in conjunction with GS08 to identify the issuer of the standard <b>X</b> Accredited Standards Committee X12	X	
GS08	Version/Release/Industry Identifier Code -- Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed.	004010X094A1	
<b>010 ST TRANSACTION SET HEADER R 1</b>	<b>To indicate the start of a transaction set and to assign a control number.</b>		
STO1	Transaction Set Identifier Code-- Code uniquely identifying a transaction set	278	
STO2	Transaction Set Control Number -- Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	0001	
<b>020 BHT BEGINNING OF HIERARCHICAL TRANSACTION R 1</b>	<b>To define the business hierarchical structure of the transactions set and identify the business applications purpose and reference data such as the number, date, and time.</b>		
BHT01	Hierarchical Structure Code -- Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set.	0078	
BHT02	Transaction Set Purpose Code -- Code identifying purpose of transaction set.	13	
BHTO3	Reference Identification -- Reference information as defined for a particular transaction set or as specified by the Reference Identification Qualifier. Use this element to trace the transaction from one point to the next point, such as when the transaction is passed from one clearinghouse to another clearinghouse. This identifier must be returned in the corresponding 278 response transaction's BHTO3. This identifier will only be returned by the last entity to handle the 278. This identifier will not be passed through the complete life of the transaction. All recipients of the 278 request transaction are required to return the Submitter Transaction Identifier in their 278 response if one is submitted.	{5}	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
BHT04	Date--formatted as YYYYMMDD	{20030625}	
BHT05	Time -- Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H= hours (00-23), M= minutes (00-59), S= integer seconds (00-59) and DD= decimal seconds. Decimal, seconds are expressed as follows: D= tenths (0-9 and DD= hundredths (00-99)	{0949}	
<b>LOOP ID - 2000A UTILIZATION MANAGEMENT</b>			
<b>010 HL UTILIZATION MANAGEMENT ORGANIZATION (UMO) LEVEL R 1</b>	Use this segment to indicate the information source hierarchical level. For a request transaction, this segment corresponds to the identification of the payer, HMO, or other utilization management organization who will be the source of the decision/response		
HL01	Hierarchical ID Number -- A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set.	1	
HL03	Hierarchical Level Code -- Code defining the characteristic of a level in a hierarchical structure. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction 20 Info	20	
HL04	Hierarchical Child Code -- Code indicating if there are hierarchical child data segments subordinate to the level being described. HL04 indicates whether or not there are subordinate HL segments related to the current HL segment. 1 Additional Subordinate H	1	
<b>170 NM1 UTILIZATION MANAGEMENT ORGANIZATION (UMO) NAME R 1</b>	Use this NM1 loop to identify the source of information. In the case of a request transaction, the source of information would normally be the payer or utilization review organization making the decision on the request.		
NM101	Code identifying an organizational entity, a physical location, property or an individual.	<u>X3</u>	
NM102	1 Person -- Use this code only if the reviewing entity is an individual such as an individual primary care physician. 2 Non-Person Entity	2	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
NM108	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67). 24 Employer's Identification Number 34 Social Security Number 46 Electronic Transmitter Identification Number (ETIN) PI Payer Identification	PI	
NM109	Identification Code -- Code identifying party or other code.	{0123}	ID of MF sending the NAS. (DMIS ID)
LOOP ID - 2000B REQUESTER LEVEL			
010 HL REQUESTER LEVEL R 1	Use this segment to indicate the information source hierarchical level. For a request transaction, this segment corresponds to the identification of the payer, HMO, or other utilization management organization who will be the source of the decision/response.		
HL01	Hierarchical ID Number -- A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set.	{2}	
HL02	Hierarchical Parent ID -- Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	{1}	
HL03	Hierarchical Level Code -- Code defining the characteristic of a level in a hierarchical structure. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. 21 Info	21	
HL04	Hierarchical Child Code -- Code indicating if there are hierarchical child data segments subordinate to the level being described. HL04 indicates whether or not there are subordinate HL segments related to the current HL segment. 1 Additional Subordinate H	1	
170 NM1 REQUESTER NAME R 1	Use this NM1 loop to identify the receiver of information. In the case of a request transaction, the receiver would normally be the provider who will ultimately be receiving the decision.		
NM101	1P Provider. Use this code to signify the provider making the request. FA Facility	1P	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
NM102	1 Person. Use this code only if the reviewing entity is an individual, such as an individual primary care physician. 2 Non-Person Entity	1	
NM 103	Name Last or Organization Name -- Individual last name or organizational name	{FULLWOOD}	DEERS Field Name: ISS-OFF-LAST NAME
NM104	Name First - Individual first name	{LUE}	DEERS Field Name: ISS-OFF-FIRST NAME
NM105	Name Middle -- Individual middle name or initial		DEERS Field Name: ISS-OFF-MID-INITIAL
NM108	Identification Code Qualifier X ID 1/2 -- Code designating the system/method of code structure used for Identification Code (67). 24 Employer's Identification Number 34 Social Security Number 46 Electronic Transmitter Identification Number (ETIN) XX Health C	24	Users on the TOL/NAS system will be identified by their SSN.
NM109	Identification Code -- Code identifying a party or other code.	{111223333}	
LOOP ID - 2000C SUBSCRIBER LEVEL			
010 HL SUBSCRIBER LEVEL R 1	Use this segment to indicate the subscriber hierarchical level. This segment corresponds to the identification of the subscriber or individual insured member. The subscriber could also be the patient. If the subscriber is the patient, the dependent hierarchical level (Loop 2000D) is not used.		
HL01	Hierarchical ID Number -- A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set.	3	
HL02	Hierarchical Parent ID -- Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	{2}	
HL03	Hierarchical Level Code -- Code defining the characteristic of a level in a hierarchical structure. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. 22 Subscriber	22	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
HL04	Hierarchical Child Code -- Code indicating if there are hierarchical child data segments subordinate to the level being described. HL04 indicates whether or not there are subordinate HL segments related to the current HL segment. 1 Additional Subordinate HL Data Segment in this Hierarchical Structure	1	
<b>LOOP ID - 2010C SUBSCRIBER NAME 1</b>			
<b>170 NM1 SUBSCRIBER</b>	<b>Use this segment to convey the name and identification number of the subscriber (who may also be the patient)</b>		
NM101	Entity Identifier Code <b>IL</b> Insured or Subscriber	IL	
NM102	Entity Type Qualifier 1 Person	1	
NM103	Last Name or Organization Name	{Miller}	Part of DEERS Field Name: Sponsor Name and also DEERS Field Name: PATIENT LAST NAME (if patient)
NM104	First Name	{Robert}	Part of DEERS Field Name: Sponsor Name and also DEERS Field Name: PATIENT FIRST NAME (if patient)
NM105	Middle Name	{D}	Part of DEERS Field Name: Sponsor Name and also DEERS Field Name: PATIENT MIDDLE NAME (if patient)
NM108	Identification Code Qualifier <b>MI</b> Member Identification Number - The code MI is intended to be the subscriber's identification number as assigned by the payer. Payers use different terminology to convey the same number. Use MI - Member Identification Number	<u>MI</u>	May not be included if the patient is not the subscriber.
NM109	Identification Code -- Code identifying a party or other code	{000000000}	DEERS Field Name: EDI_PN (PATIENT ID) if subscriber
<b>180 REF REFERENCE IDENTIFICATION</b>	<b>Use this segment when needed to provide a supplemental identifier for the subscriber. Primary identifier is the Member Identification Number in the NM1 segment</b>		
REF01	Reference Identification Qualifier -- Code qualifying the Reference Identification. <b>SY</b> Social Security Number	N6	
REF02	Reference Identification -- Reference information as defined for a particular transaction set or as specified by the reference identification qualifier.	{0000000000}	EDI_PN



278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
<b>250 DMG DEMOGRAPHIC INFO O 1</b>	To supply demographic information including date of birth and gender.		
DMG01	Date Time Period Format Qualifier -- Code indicating the date format, time format, or date and time format. <b>D8</b> Date Expressed in Format YYYYMMDD	D8	
DMG02	Date Time Period -- Expression of a date, a time, or range of dates, times, or dates and times.	{19710829}	DEERS Field Name: PATIENT DATE OF BIRTH
DMG03	Gender Code -- Code indicating the sex of the individual. Use if gender is needed to identify the subscriber. <b>F</b> Female <b>M</b> Male <b>U</b> Unknown	{M}	DEERS Field Name: PATIENT SEX
<b>LOOP ID - 2000D DEPENDENT LEVEL</b>			
<b>010 HL DEPENDENT LEVEL S 1</b>			
HL01	Hierarchical ID Number -- A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set.	{4}	
HL02	Hierarchical Parent ID -- Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	{2}	
HL03	Hierarchical Level Code -- Code defining the characteristic of a level in a hierarchical structure. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. <b>23</b> Dependent	23	
HL04	Hierarchical Child Code -- Code indicating if there are hierarchical child data segments subordinate to the level being described. HL04 indicates whether or not there are subordinate HL segments related to the current HL segment. <b>1</b> Additional Subordinate H	1	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
<b>170 NM1 DEPENDENT</b>	Use this segment to convey the name of the dependent who is the patient.		
NM101	Entity Identifier Code -- Code identifying an organizational entity, a physical location, property or an individual. QC Patient	QC	
NM102	Entity Type Qualifier 1 Person	1	
NM103	Last Name or Organization Name	{Miller}	Dependent's Last Name
NM104	First Name	{Frances}	Dependent's First Name
NM105	Middle Name	{M}	Dependents Middle Name
NM106	Name Suffix		Dependent's Name Suffix
<b>180 REF DEPENDENT SUPPLEMENTAL IDENTIFICATION S 3</b>			
REF01	Reference Identification Qualifier -- Code qualifying the Reference Identification. A6 Employee Identification Number EJ Patient Account Number SY Social Security Number	A6	
REF02	Reference Identification - Reference information as defined for a particular transaction set or as specified by the Reference Identification Qualifier.	{0000000000}	DEERS Field Name: EDI_PN (PATIENT ID) for dependent
<b>250 DMG DEPENDENT DEMOGRAPHIC INFORMATION O1</b>	Use this segment to convey additional demographic information including date of birth and gender.		
DMG01	Date Time Period Format Qualifier - Code indicating the date format, time format, or date and time format. D8 Date Expressed in Format YYYYMMDD	D8	
DMG02	Date Time Period - Expression of a date, a time, or range of dates, times, or dates and times.	{19350117}	DEERS Field Name: PATIENT DATE OF BIRTH

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
DMG03	Gender Code - Code indicating the sex of the individual. Use if gender is needed to identify the subscriber. F Female M Male U Unknown	{F}	DEERS Field Name: PATIENT SEX
LOOP ID - 2000E SERVICES PROVIDER LEVEL			
010 HL Service Provider Level R 1	Use this segment to identify the specific person, group practice, facility, or specialty entity to provide the services requested.		
HL01	Hierarchical ID Number - A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set.	{5}	
HL02	Hierarchical Parent ID - Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	{4}	
HL03	Hierarchical Level Code - Code defining the characteristic of a level in a hierarchical structure. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. 19 Prov	19	
HL04	Hierarchical Child Code - Code indicating if there are hierarchical child data segments subordinate to the level being described. HL04 indicates whether or not there are subordinate HL segments related to the current HL segment. 1 Additional Subordinate HL Data Segment In This Hierarchical Structure.	1	
MSG01	NAS Remarks Field - Free-form Message Text	{REM = 599-27}	
170 NM1 SERVICE PROVIDER NAME R 1			
NM101	Entity Identifier Code - Code identifying an organizational entity, a physical location, property or an individual 1T Physician, Clinic or Group Practice FA Facility SJ Service Provider	FA	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
NM102	1 Person 2 Non-Person Entity	2	
NM103	Name Last or Organization Name	HUNTSVILLE HOSP	DEERS Field Name: ADMITTING HOSPITAL
LOOP ID - 2000F SERVICE LEVEL			
010 HL SERVICE LEVEL R 1			
HL01	Hierarchical ID Number - A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set.	{6}	
HL02	Hierarchical Parent ID - Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.	5	
HL03	Hierarchical Level Code -- Code defining the characteristic of a level in a hierarchical structure. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. SS Services	SS	
HL04	Hierarchical Child Code -- Code indicating if there are hierarchical child data segments subordinate to the level being described. HL04 indicates whether or not there are subordinate HL segments related to the current HL segment. 0 No Subordinate HL segment in this hierarchical structure.	0	
040 UM Health Care Services Review Information R 1	Use this segment to identify the type of health care services review request.		
UM01	Request Category Code -- Code indicating a type of request SC Specialty Care Review. Use this code for a request for a referral to a specialty provider.	HS	
UM02	Certification Type Code 2 Appeal -- Standard. Use this value for appeals of review decisions where the level of service is not emergency or urgent. I Initial	I	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
UM09	Release of Information Code I Informed Consent to Release Medical Information for Conditions or Diagnoses Regulated by Federal Statutes.	I	
070 DTP SERVICE DATE S 1	Use this segment for the proposed or actual date or range of dates of the service.		
DTP01	Date/Time Qualifier -- Code specifying type of date or time, or both date and time. 472 Service	472	
DTP02	Date Time Period Format Qualifier -- Code indicating the date format, time format, or date and time format. D8 Date Expressed in Format YYYYMMDD	D8	
DTP03	Date Time Period -- Expression of a date, a time, or range of dates, times, or dates and times.	{19980811}	DEERS Field Name: ADMISSION DATE
MESSAGE TEXT S 1			
MSG01	Free-Form Message Text	{NAS_DN=0123_ISD=3176_SQN=902_SST=R_SBS=F_OHI=N_MDC=11_RFI=6_IOT=Health Benefits Advisor_IOG=GS05_SD=19980831_NST=U_PS=AL_PZ=35768_SSP=123456789}	NAS Specific information. The segment's data element starts with an 'NAS' data tag followed by all other data in a key/value combination. The separator between each data combination is the '_' character. SSP is the patient SSN.
280 SE TRANSACTION SET TRAILER R 1			
SE01	Number of Included Segments -- total number of segments included in a transaction set including ST and SE segments.	{20}	
SE02	Transaction Set Control Number - Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	0001	

278 MESSAGE COMPONENT	IMPLEMENTATION GUIDE DESCRIPTION	EWRAS VALUE	EWRAS VALUE COMMENT
TRANSACTION TRAILER			
GE FUNCTIONAL GROUP TRAILER			
GE01	Number of Transaction Sets Included	1	
GE02	Group Control Number - Assigned number originated and maintained by the sender	1	
IEA INTERCHANGE CONTROL TRAILER			
IEA01	Number of Included Functional Groups	1	
IEA02	Interchange Control Number - A control number assigned by the interchange sender	{000000001}	

X3 is the only value available for this data element in the EWRAS 278 message.

This code has been coordinated with the MCSCs as TRICARE Management Activity's (TMAs) Plan Identification Number.

The FA code will not be used because the EWRAS 278 transaction will indicate the actual provider that is sending the message.

Any identification number can be used, but the EWRAS 278 transaction will most likely use the Users SSN and FMP.

This field is not required.

The EDIPN has been selected as the MI number.

The EWRAS system will populate these fields based on information received from the New DEERS system. Any missing information will be included in this Loop.

The EWRAS system will use the dependent SSN as a reference identification qualifier.

The value for this data element will always be "I" on the EWRAS 278 transaction.